



Brine Make-up & Storage Systems

Selecting Your Briner

Choice in materials and choice in design ... only at BrineMaker. We specialize in both fiberglass and polyethylene briners and can propose either or both, enabling you to assess and compare their capabilities relative to your technical and commercial requirements. In addition to briners designed to accept pneumatically offloaded bulk deliveries, we also offer briners that incorporate the features necessary to accommodate bulk bag loading or manual bag loading.

Fiberglass briners built to ASTM D3299 standards and designed specifically for the application are an outstanding material of choice for high performance briners. As the primary material of choice until BrineMaker introduced the first "engineered poly briner solution", fiberglass briners continue to be the most utilized material of construction. We have the benefit of several manufacturing locations which enables us to minimize freight costs and enhance our ability to meet your delivery requirements. In addition to our "off-the-shelf" designs of 5-75 ton capacities, we make much larger fiberglass briners including shop fabricated up to 14' in diameter and field erected up to 50' in diameter.

WE WILL EVALUATE A VARIETY OF FEATURES AND CONFIGURATIONS TO PROVIDE YOU WITH THE HIGH PERFORMANCE AND HIGH VALUE SOLUTION.

Our **poly briners** generally represent a high value alternative when compared to our fiberglass briners. They also carry a 3 year warranty and the lead time is about half that of fiberglass. When evaluating PE versus FRP, it can be helpful to know that these same poly vessels are widely used to store concentrated sulfuric acid, sodium hydroxide, hydrochloric acid, ferric chloride, and other highly corrosive chemicals used in the industrial and municipal markets. Our poly briners are built to ASTM D1998 and we can provide NSF61 certification. And, we have been successfully building high performance poly briners for over twenty years, their credentials are well established.

WHEN AN UNDERGROUND BRINER MAKES SENSE, WE HAVE THE PATENTED SOLUTION.

Today, many hospitals, universities, and hotels are choosing to install their salt storage / bulk briners underground versus the more traditional above ground tank or in-ground concrete pit. The underground approach is cleaner, greener, and an intelligent alternative. However, underground briners pose a unique set of challenges to which BrineMaker has responded with our patented brine generation system including; salt distribution, water distribution, brine collection, and brine level control. BrineMaker has conducted full-scale salt loading studies to assure that salt is evenly distributed throughout the horizontal vessel. This is critical for optimum performance and BrineMaker provides the features necessary to assure that only saturated brine is being delivered to your process: